

ABSTRACT

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Method and System for Using Single OSDPixmap Across Multiple Video Raster Sizes by Chaining OSD Headers

A TV system that uses a single pixmap across multiple video rasters having different raster sizes. In general, the TV system uses at least two sets of headers to select different portions of a single pixmap to be displayed based on different raster sizes. Specifically, each of the headers in a header set points to a pixel line to select number of pixels for that pixel line. The number of the headers in a header set determines the height of the pixmap and the pixel number selection by a set of headers determines the width of the pixmap. In response to different displaying modes, the TV system selectively invokes one of the two header sets to select different portions of the single pixmap. By doing so, a single pixmap can be used across multiple video rasters having different raster sizes.

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